Application No.: 10/517644 Case No.: 57964US004

Amendments to the Claims:

The following Listing of Claims will replace all prior version, and listing of climes in the application:

- 1. (currently amended) A flexible mold having a groove pattern having a predetermined shape and a predetermined size on a surface thereof, comprising:
- a base layer made of a first curable material having a viscosity of 3,000 to 100,000 cps at $10 \text{ to } 80^{\circ}\text{C}$: and
- a coating layer <u>disposed on the surface of the base layer</u> made of a second curable material having a viscosity of not greater than 200 cps at 10 to 80°C, and coating a surface of said-base layer.
- (currently amended) [[A]] The flexible mold as defined in claim 1, wherein said base layer and said coating layer are transparent.
- (currently amended) [[A]] <u>The</u> flexible mold as defined in claim 1, wherein said first curable material and said second curable material are a photo-curable material.
- (currently amended) [[A]] <u>The</u> flexible mold as defined in claim 1, which further comprises a support layer on the back of said base layer.
- 5. (currently amended) [[A]] The flexible mold as defined in claim 4, wherein said support layer is transparent.
- 6. (currently amended) [[A]] <u>The</u> flexible mold as defined in claim 1, wherein said groove pattern has a lattice like pattern constituted by a plurality of groove portions so arranged as to be substantially parallel with one another while crossing one another with predetermined gaps.

2

Application No.: 10/517644 Case No.: 57964US004

7. (currently amended) A method of manufacturing a microstructure having a projection pattern having a predetermined shape and a predetermined size on a surface of a substrate, comprising the steps of:

preparing a flexible mold having a groove pattern having a shape and a size corresponding to those of said projection pattern on a surface thereof, and including a base layer made of a first curable material having a viscosity of 3,000 to 100,000 cps at 10 to 80°C and a coating layer made of a second curable material <u>disposed on the surface of the base layer</u> having a viscosity of not greater than 200 cps at 10 to 80°C, and coating a surface of said base layer;

arranging a curable molding material between said substrate and said coating layer of said mold and filling said molding material into said groove pattern of said mold;

curing said molding material and forming a microstructure having said substrate and said projection pattern integrally bonded to said substrate; and

releasing said microstructure from said mold.

- (currently amended) [[A]] <u>The</u> manufacturing method as defined in claim 7, wherein said molding material is a photo-curable material.
- (currently amended) [[A]] The manufacturing method as defined in claim 7, wherein said microstructure is a back plate for a plasma display panel.
- 10. (currently amended) [[A]] The manufacturing method as defined in claim 9, which further comprises a step of independently arranging a set of address electrodes substantially in parallel with each other while keeping a predetermined gap between them.
- 11. (New) A method of making a flexible mold comprising: coating a first curable material having a viscosity of 3,000 to 100,000 cps at 10 to 80°C on a support film;

coating a second curable material having a viscosity of not greater than 200 cps at 10 to 80°C on a mold filling recesses of the mold;

Application No.: 10/517644 Case No.: 57964US004

laminating the coated support to the coated mold such that the first curable material is between the second curable material and the support film;

irradiating the first and second curable material through the support film.